



- Name of Project** : **Consulting Services for Study and Detailed Design of Coastal Berthing Area (Port A)**
- Location** : Chon Buri Province
- Client** : Port Authority of Thailand
- Project Cost** : 1,000 Million Baht
- Duration** : December 2010 - June 2011
- Narrative Description** :

Port Authority of Thailand (PAT) does own a multipurpose berth within Laem Chabang Port, operated jointly by both the PAT and private companies, that could potentially meet the demands from both the international and coastal vessels at the same time. However, from the record, the actual use of this multipurpose berth is more toward those of international ships leaving little berthing window for the coastal vessels. This creates a demand for a dedicated berthing facility to accommodate just for the coastal vessels at Laem Chabang Port which will contribute to keeping the Port competitive for the foreseeable future.

The Coastal Berthing Area (Port A) covered areas of 43 rai designed with connecting of two berths as Berth-1 length 120 m with a water front depth of -10 meters (MSL) in order to accommodate ships with tonnages of 3,000 DWT at 200 TEU. Berth-2 length of 125 meter in order to accommodate ships with tonnages 1,000 DWT at 100 TEU each at the same time. Total length of front berth is 245 meter with area of 8,910 square meter. The water front area would have a Rail Mounted Gantry Crane along with a Mobile Harbor Crane with a capacity to move containers up to 300,000 TEU / year.

**Services Description**

: The services included the following works:

- Review the existing studies report.
- Survey the project area, including the placement pins evidence, soil test and materials used for construction.
- Prepare Master Plan and Detailed design for the construction of Coastal Berthing Area (Port A).
- Prepare construction material report with relate facility and construction cost estimate according to the final construction drawings including work plan and work period in each step.
- Prepare operation plan for construction period and existing utility relocation period.
- Define type size and specification of Major Equipments.
- Prepare EIA report
- Prepare tender document for contractor selection process.
- Study review in appropriate subject for project plan, rate of service fee, possibility of economic, financial, marketing and project investment including joint Venter with private sector.